

LISTING OF CLAIMS:

The following listing of claims replaces all prior versions.

1-20. CANCELLED

21. (PREVIOUSLY PRESENTED) A flashlight comprising:

an elongated body adapted to hold a battery;

an ultra violet emitter secured to said body and arranged to selectively produce ultra violet emissions, said ultra violet emitter including a semiconductor junction adapted to generate said ultra violet emissions; and

a transparent cover on said body, said ultra violet emitter emitting ultra violet radiation through said cover;

wherein said elongated body has an end, with said UV emitter being attached to said end, and wherein said cover is a quartz element attached to said body to protect said ultra violet emitter.

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23. (PREVIOUSLY PRESENTED) The flashlight of claim 21 wherein said quartz element is arranged and constructed to shape the beam formed by said ultra violet emissions.

24. (PREVIOUSLY PRESENTED) The flashlight of claim 21 wherein said quartz element is removable from said body.

25. (ORIGINAL) The flashlight of claim 21 wherein said body is flexible to allow said flashlight to take a selected configuration.

26. (CURRENTLY AMENDED) A flashlight comprising:

a housing;

~~a~~ a an ultra violet source generating electromagnetic radiation in the ultra violet range from a semiconductor junction;

a lens made of quartz; ~~and~~

a projection mirror arranged to direct said ultra violet electromagnetic radiation externally of said housing through said lens; and

a power source disposed in said housing.

27. (PREVIOUSLY PRESENTED) The flashlight of claim 26 wherein said ultra violet source is without a lens.

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29. (ORIGINAL) The flashlight of claim 26 wherein said housing includes a rigid portion and a flexible portion.

30. (PREVIOUSLY PRESENTED) The flashlight of claim 29 further comprising a power source disposed in said rigid portion, with said ultra violet source being disposed in said flexible portion.

31. (PREVIOUSLY PRESENTED) The flashlight of claim 26 wherein said ultra violet source includes a disc and a reflector mounted on said disc with said semiconductor junction positioned with said reflector and generating the ultra violet electromagnetic radiation toward said reflector which then generates a corresponding ultra violet beam.

32. (PREVIOUSLY PRESENTED) The flashlight of claim 26 wherein said lens is mounted on the housing and arranged to transmit said electromagnetic radiation in a predetermined pattern.

33. (PREVIOUSLY PRESENTED) The flashlight of claim 26 wherein said lens is selected from a set of replaceable lenses, each lens having a different shape and generating a different type of beam.

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35. (ORIGINAL) The flashlight of claim 26 wherein said semiconductor junction is mounted in a metallic package.

36. (NEW) A flashlight comprising:
a housing;
an ultra violet source generating electromagnetic radiation in the ultra violet range from a semiconductor junction;
a lens made of quartz; and

a projection mirror arranged to direct said ultra violet electromagnetic radiation externally of said housing through said lens;

wherein said housing includes a rigid portion and a flexible portion

37. (NEW) A flashlight comprising:

a housing;

an ultra violet source generating electromagnetic radiation in the ultra violet range from a semiconductor junction;

a lens made of quartz; and

a projection mirror arranged to direct said ultra violet electromagnetic radiation externally of said housing through said lens;

wherein said ultra violet source includes a disc and a reflector mounted on said disc with said semiconductor junction positioned with said reflector and generating the ultra violet electromagnetic radiation toward said reflector which then generates a corresponding ultra violet beam.

38. (NEW) A flashlight comprising:

a housing;

an ultra violet source generating electromagnetic radiation in the ultra violet range from a semiconductor junction;

a lens made of a material that does not degrade in the presence of ultra violet light; and

a projection mirror arranged to direct said ultra violet electromagnetic radiation externally of said housing through said lens.